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SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

REPORT NO. **INFORMATION REPORT**

CD NO.

COUNTRY USSR (Ukrainian SSR)

DATE DISTR. 13 March 1952

SUBJECT Power Plant of Konotop Railroad Repair Plant
25X1A

NO. OF PAGES 4

PLACE
ACQUIRED NO. OF ENCLS. 1 @
(LISTED BELOW)DATE OF
INFO.

ACULATE

25X1X

SUPPLEMENT TO
REPORT NO.

1. Location:

The Konotop (33°13'E/51°14'N) railroad repair plant, Ukrainian SSR, is about 2 km west of the town center and S.W. of the railroad station. The distance between the power plant and the railroad station is 730 meters.

2. Layout of the Power Plant:

- a. The walls surrounding the new building were about 10 meters high in June 1947 and the brickwork was completed and roofed by February 1948. The turbine bases were set up by June 1948. Two turbines were supplied two months later. The installation of these turbines had not been completed in September 1948.
- b. At that time about half the work required for the installation of the boilers had been done. The slag-quenching plant had been completed and the concrete sewerage system was almost complete.
- c. These fields of work not completed by September 1948:

Installation of the turbines and the boilers,
Installation of two steam cooling plants,
Coal-conveyor plant,
Installation of the switchboards and miscellaneous minor
inside installations. According to a German engineer, the
plant was scheduled to be put in operation in late 1949.

or Plant sketch see Annex.

3. Work Force:

Seventeen Soviet skilled workers and thirty PNs were still engaged in fitting by the end of the time of observation.

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4. Capacity:

Thirty thousand according to the German engineer. He was of the opinion that the power plant, due to its great capacity, would supply electricity not only to the railroad repairshop and the railroad station but to the town and its environs.

1 Annex: Blueprint, power plant of the railroad repair plant in Donetsk.

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Legend to Annex:

A. Plant sketch:

1. Assembly shop, 90 x 40 meters
2. Turntable
3. Two assembly shops, 40 x 27 meters
4. Railroad car repair shop, 90 x 60 meters
5. Temporary warehouse, 40 x 7½ meters
6. Power plant, new building, 55 x 35 x 20 meters
7. Water tower, belonging to the power plant, 30 meters high, hexagonal steel structure on concrete foundation, completed except for the pipe connections.
8. PW Camp 7134/2

The total area is 900 x 270 meters.

B. Power plant sketch:

First floor:

1. Turbine room, 38 x 13½ meters, 6 to 7 meters high, with two bases for the turbines installed in the 2nd floor, and cable and sewage canals.
2. Transformer station, 13½ x 13½ meters, with four oil transformers on concrete bases and slide rails. Not yet connected.
3. Office, 23 x 13½ meters.
4. Two cooling plants 13½ x 9 meters.
5. Two slag-quenching plants, 13½ x 13½ meters.
6. Empty room, 27 x 20 meters, with iron concrete pillars supporting the ceiling of the second floor. The room is open toward the cooling and slag-quenching plants.

Second floor: (13½ meters)

1. Turbine room with two steam turbines and two generators. Each turbine is 2.15 meters long and 1.5 meters in diameter and of American type.
2. Switchboard room
3. Office
4. (Above the cooling and slag-quenching plants and the empty room) boiler-room for two boilers dismantled in Germany.

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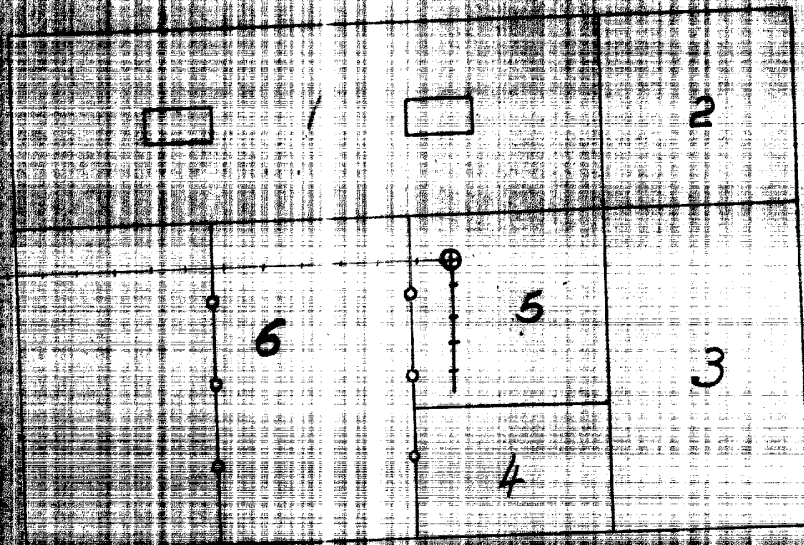
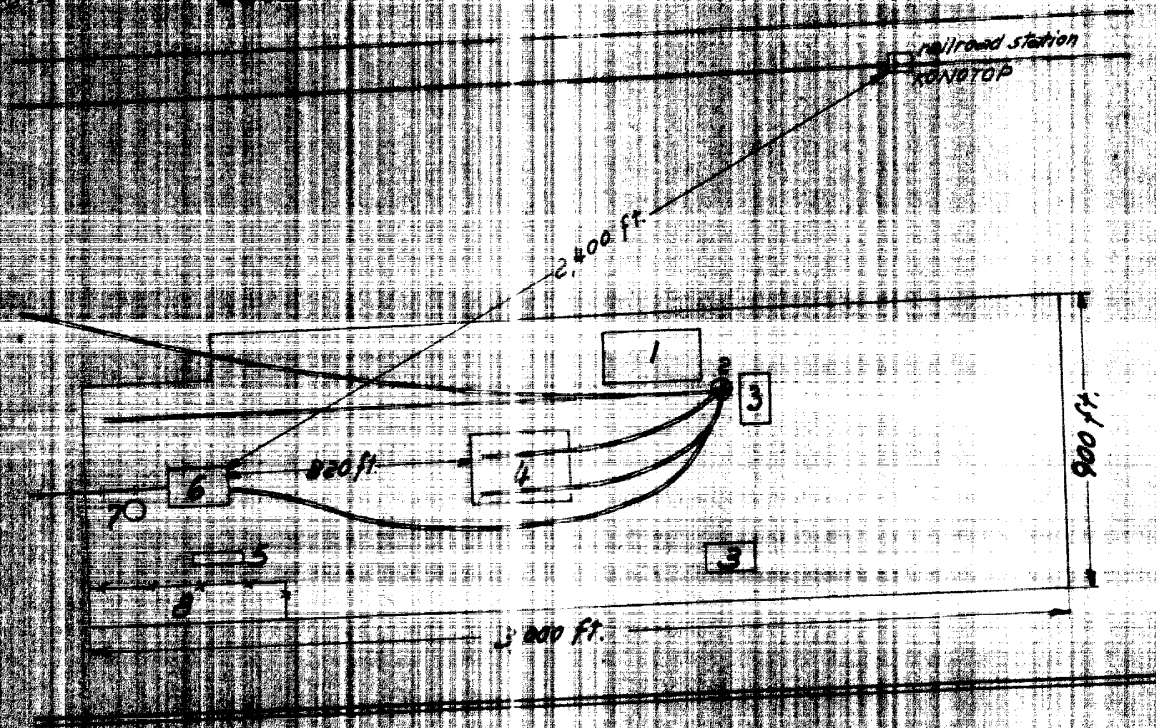
Coal was supplied by an inclined hoist on the eastern side of the building.
High tension conduits were not yet fitted.

The power plant is a concrete building, 55 x 35 x 20 meters, with a concrete-slab roof and a 10-meter metal smokestack.

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Hand-drawn map

not to scale

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